

Title (en)
SYSTEM AND METHOD FOR PROVIDING OPTICALLY CODED INFORMATION

Title (de)
SYSTEM UND VERFAHREN ZUR BEREITSTELLUNG VON OPTISCH CODIERTEN INFORMATIONEN

Title (fr)
SYSTÈME ET PROCÉDÉ DE FOURNITURE D'INFORMATIONS À CODAGE OPTIQUE

Publication
EP 3257172 A1 20171220 (EN)

Application
EP 16748829 A 20160209

Priority

- US 201562114089 P 20150210
- US 201562202257 P 20150807
- US 201562256138 P 20151117
- IL 2016050148 W 20160209

Abstract (en)
[origin: WO2016128967A1] An active optical machine-readable tag (i.e. optical tag) is provided that is addressable and readable within a line-of-sight of a reader device, such as a mobile device equipped with a camera, at substantially large distances. A method and a system are provided for an active optical tag and a camera-based reader thereof that facilitate asynchronous communication at data rates that are sufficiently high for practical uses, while reducing the flicker associated with the low-frequency optical carrier to a level hardly noticeable by people. The optical tag may be formed as an array of light emitting elements, arranged in a single dimension (linear) or two dimension (planar) arrangement. The array may be embodied as part of a large display unit.

IPC 8 full level
H04B 10/116 (2013.01)

CPC (source: EP US)
H04B 10/116 (2013.01 - EP US); **H04B 10/66** (2013.01 - US); **H04B 10/85** (2013.01 - US); **H04J 14/02** (2013.01 - EP US);
H04J 14/00 (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016128967 A1 20160818; CN 107210815 A 20170926; CN 107210815 B 20200731; EP 3257172 A1 20171220; EP 3257172 A4 20181010; JP 2018511192 A 20180419; JP 6800858 B2 20201216; US 10277317 B2 20190430; US 10680711 B2 20200609; US 2017373753 A1 20171228; US 2019215063 A1 20190711

DOCDB simple family (application)
IL 2016050148 W 20160209; CN 201680007399 A 20160209; EP 16748829 A 20160209; JP 2017538294 A 20160209; US 201615538211 A 20160209; US 201916355880 A 20190318